

Focus Area 26: Substance Abuse

Objective 26-2 targets an overall reduction in the cirrhosis death rate to 3.2 per 100,000 population.

California's age-adjusted cirrhosis death rates declined significantly from 11.9 per 100,000 population in 2000 to 10.6 in 2004 (Figure 26-2, Table 26-2). Although significantly declining, these rates are still significantly higher than the HP2010 target of 3.2 per 100,000 and the cirrhosis objective for the total population is not being achieved.

Cirrhosis death rates for males declined significantly from 17.0 per 100,000 in 2000 to 14.9 per 100,000 in 2004. Female death rates also declined from 7.4 per 100,000 in 2000 to 6.6 per 100,000 in 2004, but this was not a statistically significant trend. The HP2010 objective is not being achieved for either males or females as of 2004.

Data by race and ethnicity show that the highest reliable cirrhosis death rates were found for American Indians/Alaska Natives (20.5 per 100,000 in 2004). Statistically significant declines in cirrhosis death rates were found for Hispanics/Latinos (from 19.6 per 100,000 in 2000 to 15.6 per 100,000 in 2004), for Whites (from 11.4 per 100,000 in 2000 to 10.7 per 100,000 in 2004), and for African Americans/Blacks (from 11.4 per 100,000 in 2000 to 8.8 per 100,000 in 2004). This HP2010 objective is not being achieved for any of these racial and ethnic groups, but is close to being achieved for the Asian population (3.4 per 100,000 in 2004). Cirrhosis death rates for the Pacific Islander and the Multirace populations were unreliable due to the small number of events, and are not reported here.

For more information on cirrhosis in California, visit the Prevention Services Web site at:

http://www.dhs.ca.gov/ps/cdic/cdcb/chronic/EPEU/Chronic_03_reynen.htm

For more information on Healthy People 2010 objective 26-2, please visit:

http://www.healthypeople.gov/Document/HTML/Volume2/26Substance.htm#_Toc489757839

and

<http://www.healthypeople.gov/Document/html/tracking/od26.htm#adverseconseq>

Figure 26-2
Cirrhosis Death Rates
California, 2000-2004

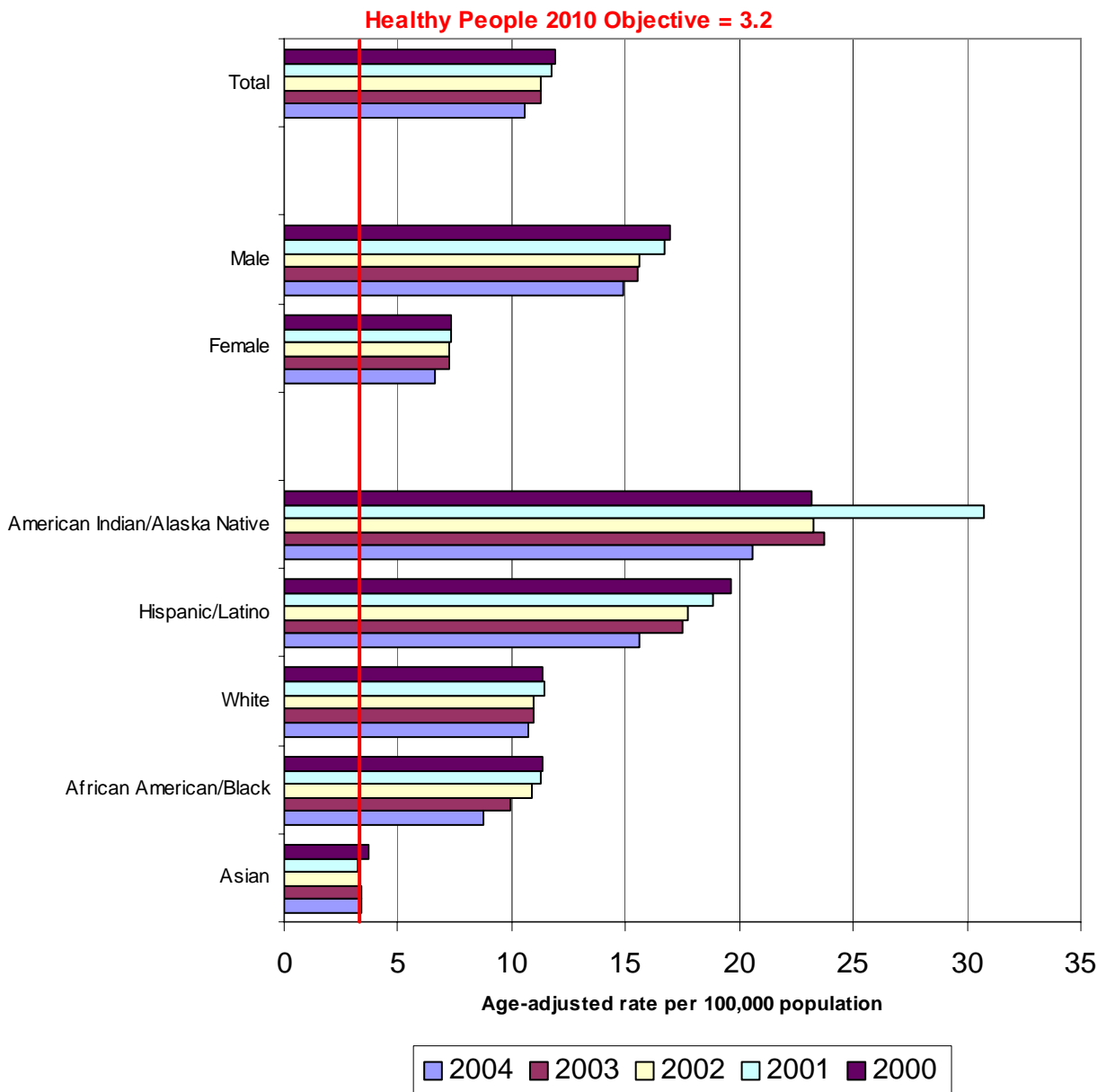


Table 26-2: Cirrhosis Deaths and Death Rates, California 2000-2004

Objective 26-2	2000 N	Rate ¹	Lower 95% C.I.	Upper 95% C.I.	2001 N	Rate ¹	Lower 95% C.I.	Upper 95% C.I.
Healthy People 2010 Target		3.2				3.2		
Statewide Total	3,672	11.9	11.5	12.3	3,756	11.8	11.4	12.2
Race-Ethnicity								
African American/Black	214	11.4	9.8	12.9	219	11.2	9.7	12.7
American Indian/Alaska Native	42	23.1	15.9	30.4	63	30.7	22.9	38.5
Asian	119	3.7	3.0	4.4	111	3.2	2.6	3.8
Hispanic/Latino	1,120	19.6	18.4	20.8	1,149	18.9	17.7	20.0
Pacific Islander	5	DSU	-----	-----	4	DSU	-----	-----
White	2,156	11.4	10.9	11.9	2,196	11.4	11.0	11.9
Multirace	10	DSU	-----	-----	12	DSU	-----	-----
Gender								
Female	1,206	7.4	7.0	7.8	1,235	7.3	6.9	7.7
Male	2,466	17.0	16.3	17.6	2,521	16.7	16.1	17.4

Objective 26-2	2002 N	Rate ¹	Lower 95% C.I.	Upper 95% C.I.	2003 N	Rate ¹	Lower 95% C.I.	Upper 95% C.I.
Healthy People 2010 Target		3.2				3.2		
Statewide Total	3,722	11.3	10.9	11.6	3,830	11.3	10.9	11.6
Race-Ethnicity								
African American/Black	223	10.9	9.4	12.3	210	9.9	8.6	11.3
American Indian/Alaska Native	53	23.2	16.8	29.7	60	23.7	17.6	29.9
Asian	117	3.3	2.7	3.9	127	3.4	2.8	4.0
Hispanic/Latino	1,167	17.7	16.6	18.8	1,215	17.5	16.5	18.6
Pacific Islander	4	DSU	-----	-----	7	DSU	-----	-----
White	2,144	10.9	10.5	11.4	2,189	11.0	10.5	11.5
Multirace	7	DSU	-----	-----	14	DSU	-----	-----
Gender								
Female	1,267	7.3	6.9	7.7	1,294	7.2	6.8	7.6
Male	2,455	15.6	15.0	16.3	2,536	15.6	15.0	16.2

Objective 26-2	2004 N	Rate ¹	Lower 95% C.I.	Upper 95% C.I.	5-year Trend	HP2010 Objective Being Achieved?
Healthy People 2010 Target		3.2				
Statewide Total	3,685	10.6	10.2	10.9	Sig. -	No
Race-Ethnicity						
African American/Black	190	8.8	7.5	10.0	Sig. -	No
American Indian/Alaska Native	52	20.5	14.7	26.4	ns	No
Asian	133	3.4	2.8	4.0	ns	No
Hispanic/Latino	1,128	15.6	14.6	16.6	Sig. -	No
Pacific Islander	8	DSU	-----	-----	n/a	Unk
White	2,147	10.7	10.2	11.1	Sig. -	No
Multirace	17	DSU	-----	-----	n/a	Unk
Gender						
Female	1,208	6.6	6.2	7.0	ns	No
Male	2,477	14.9	14.3	15.5	Sig. -	No

SOURCES: CA Department of Health Services, Death Records, 2000-2004; CA Department of Finance, Demographic Research Unit, Population Projections by Race/Ethnicity for California and Its Counties 2000-2050, May 2004.

NOTES: Cirrhosis deaths defined by ICD-10 codes K70, K73-K74.

¹ Rate per 100,000 population, age-adjusted using the 2000 US population standard.

ns No significant trend as measured by linear regression analysis; n/a Not applicable (fewer than five data points)

DSU Data statistically unreliable (Relative Standard Error greater than 23 percent).

Sig. - Statistically significant decrease in age-adjusted death rates from 2000 to 2004.